

Memorandum

To: Deputy Directors
Assistant Deputy Directors
Region Chiefs
Unit Chiefs
Staff Chiefs
Program Managers

Date: January 29, 2007

R30

Telephone: 916-653-6502

Website: www.fire.ca.gov

From: RUBEN GRIHALVA, DIRECTOR
Department of Forestry and Fire Protection

Subject: 5300 ENVIRONMENTAL PROTECTION
Collection of Emission Information
AB 32

This memo is to remind you that beginning in January 2006, each Unit and/or Facility was asked to keep track of power and fuel usage on a monthly basis for all Schedule B operations (Director's memorandum dated December 19, 2005). This must include kilowatt hours, therms of natural gas, gallons of lpg or propane, gallons of diesel, gallons of gasoline, and gallons of aviation fuel. The need for this information has been reinforced by Governor Schwarzenegger's recent signing of AB 32, the California Global Warming Solutions Act, which mandates a 10% reduction in greenhouse gases from the 1990 levels by 2020, and further reductions in future years.

CDF has collected this information for both calendar year 2004 and fiscal year 2005-06. In both cases the total CO2 produced was about 35,000 metric tons.

During 2007 the Air Resources Board will be developing data and formulating regulations and reporting protocols for both the public and private sectors, and developing data to determine the 1990 levels of CO2. Since we do not currently have data on CDF's power and fuel use in 1990, we will use 2005-06 as the baseline. Based on that year, we will be required to reduce our emissions by 3500 metric tons of CO2 by the year 2020.

Since gasoline, diesel, and aviation fuel are the largest contributors, we will have to develop means to reduce overall fuel use by over 350,000 gallons per year. Gasoline and diesel usage is currently in the neighborhood of 2 million gallons per year and the Aviation Program uses close to 1 million gallons per year. Thus we would be required to reduce our consumption by approximately 12% if our entire reduction is in the fuel

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consumption area. CDF is also purchasing a number of vehicles that use E-85, an alcohol fuel mixture of up to 85% ethanol. The use of more renewable fuels will also help reduce green house gases.

Annual reports are required under AB 32. Each Unit and/or Facility should track the power and fuel usage items described in the first paragraph on a monthly basis, including bills that are processed in Sacramento by the Accounting Section. Reports should be submitted quarterly, with monthly totals to the Environmental Protection Staff in Sacramento. Currently the contact person is Retired Staff Chief Brian R. Barrette, who can be reached at 916-651-7275.

Your cooperation in this task is requested.

Attachment